

# Product Manager Paladin/FAASV



## M109A6 Modernization Through Spares Efforts



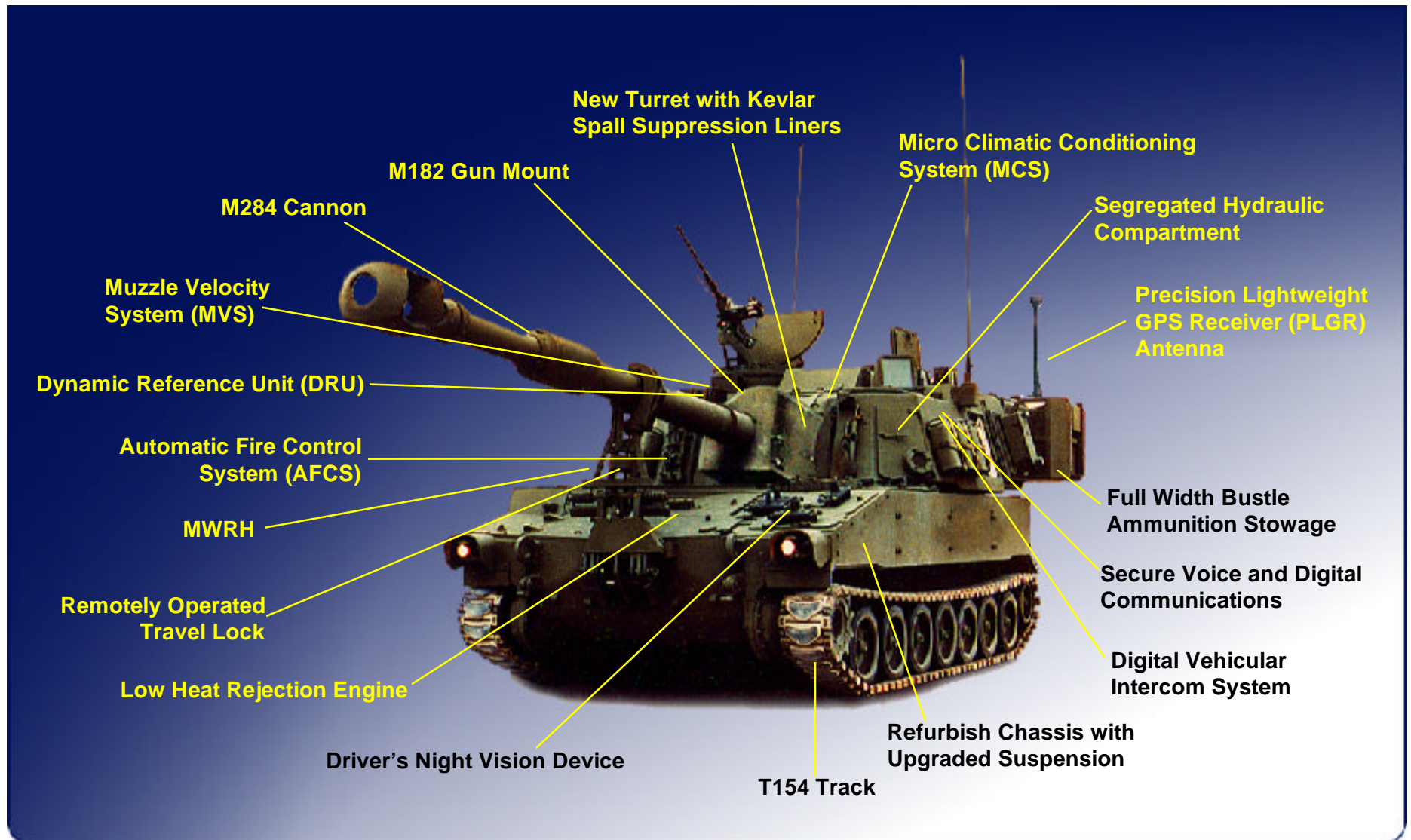
**Presented To:**  
**MICOM Modernization Through Spares Workshop**



**Presented By:**  
**Mr. Rene Kiebler; APM Production & Engineering**  
**PMO Paladin/FAASV**  
**28 May 1997**

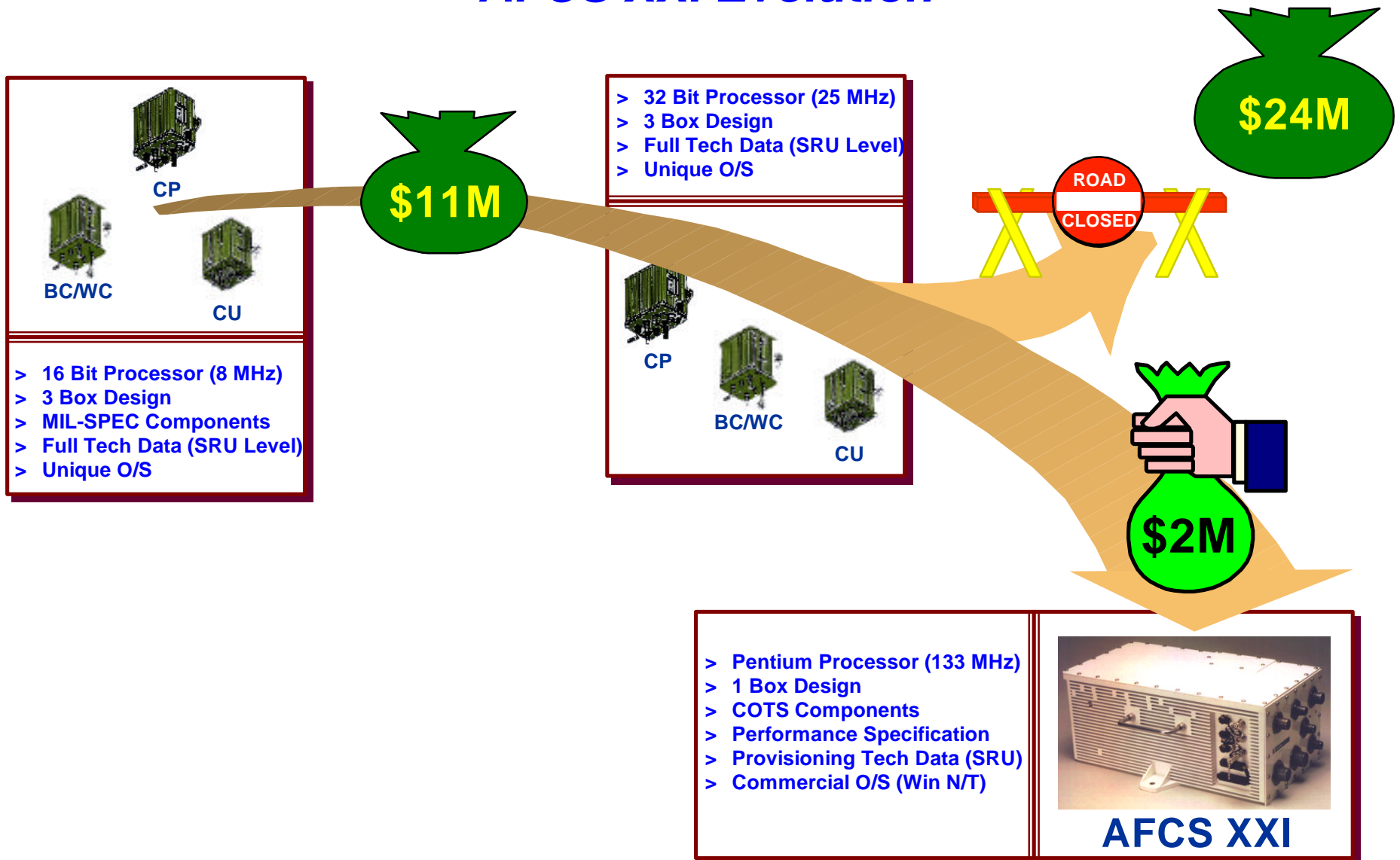
# Product Manager Paladin/FAASV

## *M109A6 Paladin*



# Product Manager Paladin/FAASV

## AFCS XXI Evolution

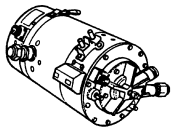


## ***AFCS XXI Development Schedule***



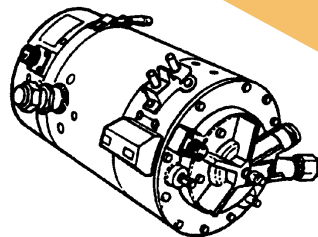
# Product Manager Paladin/FAASV

## Vehicle Generator Evolution

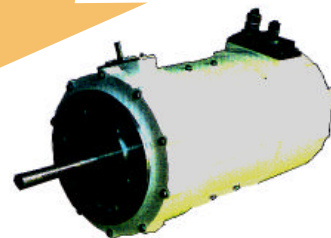


- > 650 Amp Capacity
- > 28 Volts Nominal
- > Oil Cooled

**Vendor Conducted  
Qualification  
Program**



- > 650 Amp Capacity
- > 28 Volts Nominal
- > Oil Cooled
- > Coil

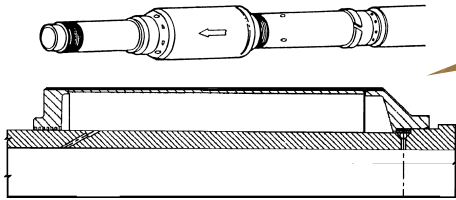


- > 750 Amp Capacity
- > 28 Volts Nominal
- > Oil Cooled
- > Spray

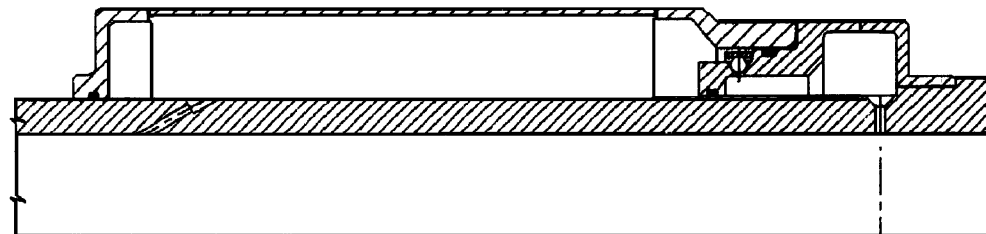
- Production Cost Avoidance \$250k
- Increased Competition
- Full Backward Compatibility
- 26% Reduction in O&S Cost

# Product Manager Paladin/FAASV

## *Advanced Bore Evacuator Evolution*



**HTI Effort from  
120/140mm  
ATC Program**



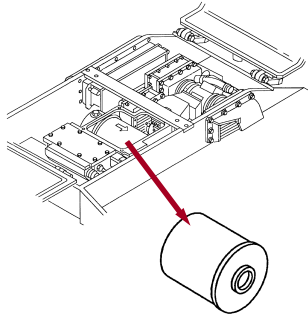
### RESULTS

- 300% Increase in Efficiency at Critical Low Zones
- 200% Increase in Efficiency at High Zones
- 10% O&S Cost Reduction



# Product Manager Paladin/FAASV

## *M48 NBC Training Filter Evolution*

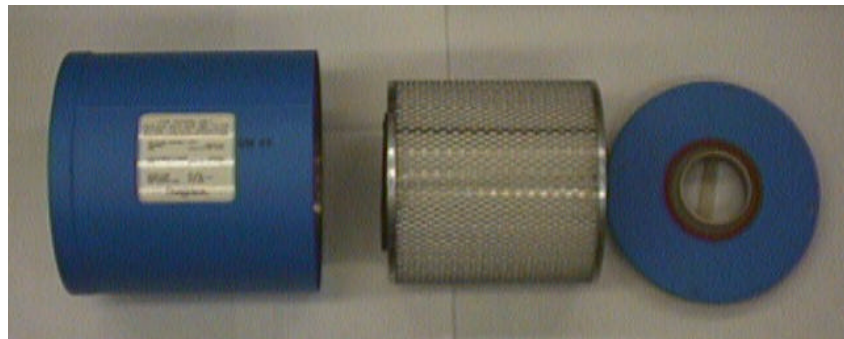


- > Filters NBC Agents
- > High Cost (\$985/ea.)
- > Susceptible to Climactic Aging
- > Hazardous Waste Disposal

### Qualification Program

#### RESULTS

- Reduced O&S Costs (Peace Time)
- Increased NBC Training




- > Filters to Submicron Level
- > Production Cost of \$850
- > Replacement Filter \$50
- > Increases Filter Area

# Product Manager Paladin/FAASV

## *Operation & Support Cost Reduction (OSCR) Study*

### Task Order #18-

- Develop/Validate Cost Model
- Input Existing Field & LSA Data
- Identify & Prioritize Candidates
- Develop Specific Plan for Top 5 Priorities



The Search for  
Good Ideas  
Continues